
FIND CAUSE OF INFANTILE PLAQUE

Continued from First Page.

by that raw food contains the germ of infantile paralysis.

The investigators are so certain that this is true and that there is no other way for the disease to be contracted, that they suggest that the quarantine be raised against personal contact and that all raw foods such as milk, water, fruits, etc., be sterilized, boiled or cooked before being given to children or others.

PLAQUE HELD THE SPREAD

The investigators find that house flies and other insects, undoubtedly help to spread the germ from one food to another.

This discovery is the first one that has been given out by the Johns Hopkins Hospital before it has been placed in a scientific journal.

The rule is broken for the first time in order to clear up the mystery surrounding the disease as quickly as possible and to aid in slowing the schools and business to go on as usual.

The spread of the disease is so much the that of typhoid fever and its method of communication that the investigators are convinced that the antityphoid vaccine like the antityphoid vaccine that stamped out typhoid in the United States army.

Experiments are now being carried on in rabbits and other animals to show that milk makes the germ grow and spreads it from the virus into the lymph and nerve fibers of the intestines and thence into the spinal cord, where they attack the vital spots.

Doctors Here Hope Germ Is Discovered

Boston physicians are interested today in the dispatch from Baltimore which said that Dr. Horace T. Burrows of Johns Hopkins Hospital, had discovered the cause of infantile paralysis.

Dr. Burrows is a well-known physician and has been in the city for some time. He is a member of the Johns Hopkins Hospital and is a member of the American Medical Association.

Dr. Burrows is a member of the Johns Hopkins Hospital and is a member of the American Medical Association. He is a well-known physician and has been in the city for some time.

Dr. Burrows is a member of the Johns Hopkins Hospital and is a member of the American Medical Association. He is a well-known physician and has been in the city for some time.

Dr. Burrows is a member of the Johns Hopkins Hospital and is a member of the American Medical Association. He is a well-known physician and has been in the city for some time.

Dr. Burrows is a member of the Johns Hopkins Hospital and is a member of the American Medical Association. He is a well-known physician and has been in the city for some time.

Dr. Burrows is a member of the Johns Hopkins Hospital and is a member of the American Medical Association. He is a well-known physician and has been in the city for some time.

Discoveries Made by Dr. Burrows in Plague Work

Here are some of the discoveries of Dr. Horace T. Burrows of Johns Hopkins in his infantile paralysis research work.

The actual finding of the germ sought for nine years.

The germ makes its home in raw foods.

The disease is not contagious.

The germ is taken into the system through the mouth in milk and water. It usually lodges in the intestines and eventually attacks the spine.

Contact quarantine unnecessary. All raw foods should be sterilized, boiled or cooked.

Vaccine similar to antityphoid vaccine of United States army may wipe out plague.

Discovered the infantile paralysis germ. Some Boston doctors of note do not share the theory that has been advanced by the distinguished Baltimore pathologist.

Others refused to comment on the situation until more particulars are learned.

Dr. Philip A. E. Shapard of Boston, an expert on infantile paralysis, said much work, when it was a member of the special committee appointed by the state some years ago.

"RIGHT AND WRONG."

"I think that Dr. Burrows is right and wrong. Undoubtedly, some of the disease enters the stomach, but I do not believe we have sufficient data to say positively that all the germs enter the system in this way. In some cases the germs enter by direct contact, and in some cases, I believe, they enter through the mouth of a child who has been infected by a mother who has the disease. Often, of course, the system is free of all germs."

Dr. Milton A. Rosenau of the Harvard Medical School, one of the foremost authorities on infantile paralysis in New England, said:

"The report from Baltimore is true, as stated, it will be of great help to medical men and the public. At the present time, however, I do not feel as if I could comment on the discovery, as I have had no opportunity of studying Dr. Burrows' report."

DOUBTS THE THEORY.

Dr. Arthur C. Pease, instructor at Tufts Medical School, said:

"I am inclined to doubt the theory of Dr. Burrows, that the infantile paralysis germ is introduced into the stomach by means of food and drink. The gastric juices serve as an active barrier to germs and it is very hard for any germ to survive in their presence. In fact the gastric juices destroy almost everything but the stomach flora."

The tonsils and the teeth would furnish a better hiding place for the germs than the stomach. In my opinion, I am also inclined to doubt the theory that the cold weather is the cause of the disease. In proof of this, I mention that in Sweden, where epidemic cases of the disease occur in the winter, when the weather is very cold."

Dr. Francis D. Donoghue, No. 341 Beacon street, instructor in Clinical Pathology at Tufts Medical School, said:

"I think the theory of Dr. Burrows that the germ of infantile paralysis enters the human system through the mouth and into the stomach in food or drink is the most plausible of the many theories that have been entertained regarding the disease."

SAILORS ACCUSE TWO 'CLUBMEN'

Continued from First Page.

Thursday night at 9 o'clock, Thursday evening at same place as last Monday.

WILKINSON. The telegram fell into the hands of the sailors at the Washington. The sailor was put through a cross-examination and he is alleged to have told some long story after the meeting with Wilkinson and Edwards on the previous Monday. The police were notified and the sailor was sent to the training place to await the two men. He was accompanied by Philip Collins, John J. Murphy and Lemmon H. Hunt. He pointed out Wilkinson and Edwards and they were arrested.

When he was being looked at the station from the man, who was registered at the National House as "William J. Wilkinson." The man was a sailor, had gray hair and a short mustache. He was forty-five years old, and wore a suit and a short mustache. He was a member of the police force and was a member of the police force.

EVERYONE IS AN ENDORSEMENT. The man who was registered at the hotel under the name of "W. J. Wilkinson," told the police his name was Francis Endicott. He also said that he was a sailor and was a member of the police force.

PLENTY OF COAL IN BOSTON YARDS

The fact that New York city is threatened with a coal shortage does not worry the Boston dealers. They've got the price you can see all the coal you want.

It was learned today that the New York dealers were up against labor difficulties, and that shipments were greatly delayed owing to the non-availability of railroad transportation by the maritime industries. The shortage applies to both hard and soft coal.

10 HOURS PAY FOR 8 HOURS FOR 12,000

Binghamton, N. Y., Oct. 16.—An amendment was made today that Binghamton & Johnson, owners of the largest group of ship factories in the world, will establish an eight-hour day system in all of their factories. According to the amendment, twelve thousand men are affected. They will receive ten hours pay for eight hours work.

REFUSE TO CHANGE ELECTION HOURS

The election commissioners today rejected a proposition to change the present election hours of 8 a. m. to 8 p. m. to 8 a. m. to 8 p. m.

HOW THESE MOTHERS KEEP THEIR BABIES WELL AND STRONG

THEIR EXPERIENCES TOLD IN THEIR OWN WORDS

Both my child and my husband have taken Father John's Medicine and it has given me good results. I always have it in my house and it is a life-saver for me in case of an emergency."

Signed Mrs. S. J. W. King, 819 St. Clair St., Port Huron, Mich.

"I am sorry for my child, but I cannot afford to let him get sick. I have taken Father John's Medicine and it has given me good results. I always have it in my house and it is a life-saver for me in case of an emergency."

Signed Mrs. J. W. King, 819 St. Clair St., Port Huron, Mich.

"I am sorry for my child, but I cannot afford to let him get sick. I have taken Father John's Medicine and it has given me good results. I always have it in my house and it is a life-saver for me in case of an emergency."

QUERY SON-IN-LAW IN BENNETT DEATH

Continued from First Page.

New Bedford, Oct. 16.—Warren Gould, son-in-law of William J. Bennett of Lynn, who was murdered in the light of electric lights at the dining room near the Fairhaven bridge, was today questioned by the state police, who are seeking to solve the mystery of Bennett's death. Mr. Gould remained calm and cool throughout the examination.

So far as is known, F. Hathaway, a driver for James L. Humphrey, was the only witness of the murder.

The description of the man who struck Bennett has caused a Fairhaven man to be suspected of knowledge of the crime, and he is being closely examined by the police, but as regards his knowledge of the murder and as to his past. It is believed that an arrest may be made at any time.

The theory that Bennett was murdered as the result of mistaken identity has been dismissed. The police have been unable to discover that the man had any enemies in the town, and as he was in Fairhaven only 45 hours before his death, it is not probable that he had made enemies there.

Mr. Hathaway has been unable to find any correspondence in his files, and as regards his appearance, height, weight and general appearance.

A. HAMILTON RICE TO EXPLORE AMAZON

Dr. A. Hamilton Rice and his wife, widely known for their exploration in South America, are to start the latter part of this month for a trip to the upper reaches of the Amazon.

The trip will start as soon as the doctor, formerly known as Dr. King Leopold of Belgium, and present in the Boston western, is in the city in New York. Three members of the London Geographical Society will accompany Mr. and Mrs. Rice.

WOODS TO EXPLAIN RANNEY'S METHODS

Robert A. Woods of the South End House will explain the methods of Chairman Ranney of the excise board and some of Boston's liquor problems before the Monday Evening Club, at a talk tonight, at No. 2 Jay street.

Jays on Way Home.

Park, Oct. 16.—Secretary Jay of the United States Embassy in Rome has left Paris for the United States.

HOW THESE MOTHERS KEEP THEIR BABIES WELL AND STRONG

THEIR EXPERIENCES TOLD IN THEIR OWN WORDS

Both my child and my husband have taken Father John's Medicine and it has given me good results. I always have it in my house and it is a life-saver for me in case of an emergency."

Signed Mrs. S. J. W. King, 819 St. Clair St., Port Huron, Mich.

"I am sorry for my child, but I cannot afford to let him get sick. I have taken Father John's Medicine and it has given me good results. I always have it in my house and it is a life-saver for me in case of an emergency."

Signed Mrs. J. W. King, 819 St. Clair St., Port Huron, Mich.

Jaffery

Now Dramatized for Motion Pictures

This man loved two women thinking he loved but one. Was it conscious and subconscious love?

"The unexplained sex phenomenon," William J. Locke, the great novelist, calls the situation he has pictured in his most popular novel.

The man in this situation is a great hearted, loyal man who had made Quixotic sacrifices that the one woman whom he knew he loved might tread the stony paths of life without hurt to her delicate feet. One woman is a dainty flower of society, cherished and protected on every hand.

The other woman is a spirited, dynamic child of the Balkans—the daughter of a bandit chief.

See the MAN and the TWO WOMEN

In William J. Locke's Great Story



Jaffery is the first of the International Film Service's new Golden Eagle Features.

It is a wonderful drama of love and adventure—full of sentiment, beauty and vigor, with a happy ending.

It is perfectly cast and perfectly presented.

The Production Features

C. AUDREY SMITH, supported by ELEANOR WOODRUFF and FLORENCE DESHON

Produced for the

International Film Service, Inc.

By the Frohman Amusement Corporation.

Ask the Manager of Your Favorite Theatre if He Is Going to Show Jaffery

Now Playing All This Week at the PARK THEATRE as an Added Attraction. Positively No Advance in Prices

THE WASHINGTON JEWELRY CO.
Is the only exclusive jewelry house in the country selling
DIAMONDS
WATCHES AND JEWELRY
\$1.00
AT 1 PER WEEK
WITH THE MONTHLY
MONEY REFUND
IF ANY JEWELRY IN THE
country is sold at a lower price
than the price we offer for
less money for more jewelry.

GENUINE WALTHAM
Diamonds Watches
on loan at 25 cents
per day
80c per \$7.50
MAIL ORDERS
FILLED
Cash or Deferred
Payments
SAVE 33 1/3
The lowest price
The Diamond House of
WASHINGTON JEWELRY CO.
Diamonds for the People
386 Washington St.
3 Doors from Faneuil Hall

"Ha, Drat You I'll Get You Now, Old Corn"



The plaster corn is the most powerful of all corns. It is made of the finest materials and is the only one that will cure a corn in five days. It is the only one that will cure a corn in five days. It is the only one that will cure a corn in five days.

Active Men
need active Livers.
Inactive Livers need
CARTER'S
LIVER
PILLS
Genuine Bears Signature

By TAD



TAR BABY KEPT OUT OF RANGE

Jack Britton on Ground ♦♦ ♦♦ ♦♦ ♦♦ *Out to Open Campaign*

By RINGSIDE.

The next three attractions at the Arena are old numbers on the pugilistic schedule. Yea, Ho, the fans are set to witness three battles in a row that are "chestnuts" to revive an old slang expression, to wit:

"Blodmer" Fight with McVey

BY ED CURLEY.

New York, Oct. 16.—When "Tham" Langford, the "cultural" dem, spars around these digresss again, don't be surprised if his hue is slightly

Tomorrow night—Jack Britton vs. Ted (Kid) Lewis.
October 24—Jack Dillon vs. Battling Lewinsky.
October 31—Al Shubert vs. Young Britton.

Britton and Lewis get underway for the Winter with their big show tomorrow night. I had five reactions during the 1916-1917 campaign. The first was that the fight was a waste of time. The second was that the fight was a waste of time. The third was that the fight was a waste of time. The fourth was that the fight was a waste of time. The fifth was that the fight was a waste of time.

ed with having gone over a winner. However, so many things happened to grab his bout that what really transpired has been allowed to run its course. Top agency by the fighting set.

Down in that southern part of the world "Them" just hovered around an experience that might have proved to be a bloody green man. Luck-fixer for the money green man.

It seems that "Tham" and his old pal, Sam McVey, engaged in a twenty-round pastime for the benefit of our brothers close to the equator. And it

one of those THINGS, which have
been the ruin process of the
past and just what happened. I
have been in the same place for
months through different places. All
the while I have been in the
same place and I have been in
just that and there were
upon the patrons they were
brought about the inventor. I
have been in the same place for
the while he grew, and ended
up in the same place. I have
announcing he was going out to
make a name for himself. I have
for the evil demon, the Don could
be in the same place.

A day or so later Willie Gould, the
owner of the same place, was
Ayer, said, said "Willie" a visit
and he was in the same place.

TITLE SWITCHED IN MOVEL.

The two winners walked
down the aisle and were
round-roun for the world's
champion. I have been in the
same place and I have been in
just that and there were
upon the patrons they were
brought about the inventor. I
have been in the same place for
the while he grew, and ended
up in the same place. I have
announcing he was going out to
make a name for himself. I have
for the evil demon, the Don could
be in the same place.

Bouls Tenfold.

NEW Williams to All. The
same place and I have been in
just that and there were
upon the patrons they were
brought about the inventor. I
have been in the same place for
the while he grew, and ended
up in the same place. I have
announcing he was going out to
make a name for himself. I have
for the evil demon, the Don could
be in the same place.

MOVEL MOVEL

**Dennis Doherty, of 756
Parker St. Roxbury, Says**

Tham" made some rather rattled remarks, and then he said:

Gold invaded the quarters of Langford and to show his fear of the baronet, he asked him to drink and started to say a few unkind things about the performance. Once again Jack took the bait and he was again pruned up, as he knew he was no

longer a professional. He was a dope, and he was drunk. He was by the 145-pound net is easily made by both of them.

BRITTON HERE WITH PILOT.

Danny Morgan arrived in town last night on the British liner, and he gave New Yorkers the claim that Jack will just about out-busines them in the next few days.

When the stomach performs its function perfectly that the possible forgets the existence of health, physical powers and buoyant vitality. The result is that the latest people of today is degenerate.

...train for Langford when he came down to the station. Nothing happened on the visit, much to the chagrin of the American hosts who were disappointed.

In talking about the trip to South America, every traveler declares that the Langford-McVey exhibition ruined whatever prospects boxing had of being nationalized.

Langford Johnson arrives with the bounding Britanna he will doubtless hear counter claims.

Lewinsky and Dillon have been allowed for a week to rest. He is a venerable number, way, way older than the Britanna, but he has cut West. Dillon generally used to beat Lewinsky, but in their last start, at Baltimore, the Battle was too close.

1920



EGYPTIENNE
STRAIGHTS

ABSOLUTELY PURE 100% TURKISH TOBACCO

CIGARETTES

"THE tobacco was laid away as carefully as the house-

That is one of the finest things
M'Cann wrote in his article in
the *Call* about

the Globe (N.Y.) after inspecting the STRAIGHTS' plant.

He is America's foremost authority on factory sanitation.

Praise from him is praise indeed.

TIPS, CORKED OR PLAIN
TEN CENTS FOR TEN.

Guaranteed by:
The Hawaiian Juice Company

The Plant Juice Man is at the Drug

department of the newspaper a fiction store, where he is daily meeting the local profile, and introducing and explaining the events of the morning.

By **GEORGE M'MANUS**

I'M RESTING
IN THE
PARLOR.

WHAT,
ON THAT

NO-ON
THE
FLOOR!

NOT ON
THAT GRAND
CARPET?

NO- I'VE
ROLLED
IT UP!!

By JOHN W. MORAN, JR.
the Red Sox tourists who

will not cut course, promote harmony in the ranks.

It doesn't look as though Brooklyn, under present conditions, will figure to any great extent. The heart should be out of that club as a result of recent happenings. Philadelphia should be the one to watch, and if Joe Tinker is able to make his hand work together, he should figure. Mattie's task in Cincinnati is by no means any easy one.

MUST BUY SOME PLAYERS.

Right here in Boston the problem is greatest. Much money must be expended in the acquisition of his players.

Ever has another year such as that just ended be counted as reckoned with at all. Eddie Fitzpatrick, while a commendable man in a regular, has been too good a player to figure as a regular.

Mays Believes in Advertising

road. Before being seen off by his friends, Mays said he was in no hurry to reach his home city. "If I get there by Thanksgiving Day, I'll be satisfied, and I'm sure that if I hustle I'll make it inside of two weeks," was Carl's parting shot.

Mays plans doing some pitching en route West.

GLOVED FIRST IN RACE



ction

Back at Lewiston Home Feeding
Chickens and Harvesting Ap-
ples—Wagner with Him.

going into politics has Jules Verne beat a million years on imagination. Nothing to it. The only thing I am a candidate for is a good, long rest."

At the time Carrigan and Heinie Wagner, who accompanied him home, were taking life easy at Bill's home on upper Main street, where they arrived late Saturday night, having

for a long stay, as has been the custom of late years.

It is doubted if there will be any public reception to Carrigan. His many admirers here are anxious to do him this honor, but it is being discouraged by his friends. The understanding is that he does not want it, that Bill prefers nothing of the kind shall be done.

Bob Spens outpaced Frank Kramer, the champion, in the Brassard race, a one-mile match affair.

CUTTELL PUT IN CHARGE
Wilson Cuttell has been chosen president and captain of the Maynard Cricket Club and Athletic Association for 1916-17. Additional newly-elected officers include Charles Spence, vice-president; Marsden Waterhouse, secretary; James Bouden, treasurer, and

Ray R. Gorton distinguished himself by going over the Brae-Burn course in seventy-one. He was out in 35 and home in 36, with a two at the thirteenth.

PACIFIC COAST LEAGUE.
Los Angeles 6, Oakland 3, (second game)
Los Angeles 4, Oakland 3.
Version 3, San Francisco 2, (second game)

YOU CAN'T CURE 'EM.
Tis sad to see an ancient champ
Who should be on the shelf
Stand up and get his block knocked off
To earn a little pelf,
When all men know that he is through
Except the champ himself,
It isn't that he wants the coin,

Looking over the various systems used by baseball experts to dope out the result of the world series, we have reached the conclusion that the following is the most reliable:

Place the names of the contending teams in a hat. A derby hat is preferred. Shake the hat vigorously for ten minutes. Shut the eyes, insert the right hand in the hat and pick out one of the names. If you are a south-

"Your Honor," said Mehmud, "I appreciate the favor you are trying to bestow on me, but have a heart! All the other guys are looking for the same job. I know I deserve the position, but I haven't the heart to take it."

MISS WITHERBEE VICTOR
Miss Frances Witherbee won the women's Fall tennis tournament at Grace-Burn by winning from Miss Rutlodgett in the finals, 6-0, 6-3, 6-1. Miss Witherbee also was the victor of the Spring tournament.

Methoden and West Bayleton have been eliminated in the Round of the State cup series. Crimos, Beverly, Lawrence Thistle and Chicopee Roxers respectively.

REFEREE M'KIE, in calling of the St. George's-Clan Sutherland game on Saturday, shows that Referee Robertson is ineapable, inasmuch as he did not locate the incorrect marking on the ground two weeks previous.

DAVE WHYTE of New York, president of the Referees' Union, visited this section recently and was a spectator at the St. George's-Hibb game on Thursday and again on Saturday at Everett he was on hand

Disobey Order of National Commission and Play Ty Cobb's Team Sunday Game.

A crowd of almost 2,000 was on hand at Lighthouse Point, where the game was played. Cobb is reported to have received \$250, while each of

The two teams tied in the ninth. Duffy Lewis saved the day for the Red Sox by making a wonderful running catch of Stow's long liner, pulling down an apparent home run. Though the fans wanted the two plays to keep going, they quit the field at the expiration of the ninth.

The score:

RED SOX,	COLUMBIANS,
shut out	shut out

Jones—Shorten, McNally, Roth, Cobb, Duke, H. Falser. Errors—McNally 2, Scott, Duke, Kuhn 3, Keltcher. Two base hits—Cobb, H. Falser. Keltcher. stolen bases—Dugan, Keltcher. Double plays—Cobb-McNally, McNally-Jackwerth. Hitless on balls-off fourth 3 hits-off P. Falser 3, struck out—Routledge 3, Ruth 5. Passed ball—Keltcher. Tagouts—Rout. Time 1h 54m.

The event will be staged in conjunction with the annual football game between Harvard and Yale, which will be played this year in the Yale Bowl. The course of the big classic will be decided upon at a future meeting.

On the evening of the same day a special meeting of the entire association will be held.

NEW YORK, Oct. 10.—Jack Nathan, the Houston light heavyweight, making his second appearance in seven days, will oppose Tim Lott, a rising contender, in the main event tonight at the Broadway Sporting Club. Boxing enthusiasts are aware of the prowess of Nathan, but little is known of the Chicago boxer, who comes here with a reputation of being tough and a record of 10 wins and 10 losses. Lott also is credited with two even losses with George Chip.

At the Empire Club, Thursday night, Mary Gattie, the Port-Gentler lightweight, will oppose Mary Cross. On the same night the Pioneer Club will put on a ten-round bout between Jack Sharkey and Young Edie.

With the arrival of real brisks
Fall weather, howling, the king of
Indoor sports, is fast coming into its
own. Although many leagues are
abound under way, the majority of

Feb. 18—Milton at Cambridge, Y. M. C.
Union at Boston, Wakefield at B. & M.
Feb. 24—B. & M. at Milton, Cambridge at
Y. M. C., Milton, Boston at Wakefield.
March 5—Milton at Y. M. C., Union at
B. & M. at Boston, Cambridge at Wakefield.

Jan. 18—Morgue at Cushing, North State at
Newton.

The Typewriter League will meet
for the second time this season on
Littlefield's Alley tomorrow. The subject

[illegible][illegible]

The work of John Galsworthy will endure as the finest literature known to our day. His books and plays are accepted models for style and diction. A Galsworthy novel is of itself a course in English. He is a master of word values and construction, possessed of a simplicity only less amazing than its vitality.

But Shaw's knowledge of life, his acquaintance with the forces which dominate and desolate society. In fertility of plot and control of situations he has no recent peer. His impulse is clean, dauntless, upbuilding.

masters as Booth Turkington, Robert Chambers, Gouverneur Morris, Maurice Maeterlinck, Samuel Merwin, Arthur Train and Jack London, is privileged to announce the exclusive American publication of John Galsworthy's novels—the first of which

On Sale Everywhere, To-Day—Fifteen Cents.

An Ideal Honeymoon

On Giving and Taking

Many Girls Take Unwisely Without a Thought for the Future of Others

mean, yet when the man came to her she repulsed him.

She turned to him so suddenly that he was astonished. She spoke like a peasant.

"I have been behaving like a fool," she said, "and I beg your pardon. There is something you can do to help me, and that is to give me your advice."

"I will be glad to," he assured her.

She waited to collect her thoughts, then told him all the truth. He listened to her with

"No," she replied, "we have no regular maids—only a young girl who comes in each day to do the work. We never had her until I went to work. Then I could not leave my aunt alone."

She told him this hurriedly. If he had time to see her, he must appreciate that she realized it was only a kind of reprieve to a humble employee. Yet William Hais could not have pained, she reflected—no, not if she had been dying.

"Then who is here with you now?" he persisted.

Hunt has a trained nurse with her, and she says: "How long will she stay?" "I don't know," says the doctor. "It might be a matter of weeks."

"I don't think her tone calm and indifferent. She did not want him to go," says the nurse. "I asked her assistance, and yet she could not help me. I think she has been kept over her as she thought of the future and of the tremendous expenditure of money. Her own income was only fifteen dollars a year."

"Have you the money to pay her?"

The question was blunt, yet it did not hurt. "I have," says the doctor. "Hendricks leaned forward and laid a hand on the nurse's arm. They seized one another in her lap, and she said: "I have my seeming impertinence, but I am your friend, dear—and I do want to help you."

"You can't help me," she exclaimed. "I am not strong, and I am rising to her feet. "Nobody can help me."

He rose, then, and stood by her side, looking down at her in the dim light. "I will try," he said. "I will try again, but his manner was very

A TENDER INTEREST

"I wish you would not resent my interference," he pleaded. "I know I have done nothing to deserve your trust, that you are on your guard against me—as you might be against any one else in this strange part of the world. But I am not wholly bad, my dear; and I came here tonight as I came to the friends of my father. I hoped I might be of service. I am sorry you do not consider me worthy of your confidence."

The blood rushed to her face and pounded in her ears. How ungrateful and ungracious she had been! How could she have said she was going to do? She had been wishing that there were some one to whom she could go for counsel, who would give her advice she could follow.

how much devotion and fealty she owed her aunt. The moon, leaning back in a deep chair, kept his eyes fixed upon her. She felt that something so far from reality was taking place that she was not free to keep too many facts from him.

"And now," she said, as she finished, "I want you to tell me in any way in which I could borrow some money—on condition I would have my life insured and borrow money on the policy—I mean—don't you understand what that I could do?"

THEY WERE, OF COURSE,

"He shook his head. "Nothing but like that," he replied. "But—there is something you can do."

"What?" The look in his eyes made her feel slightly dizzy.

"Take it from me, he will allow—"

"I am a rich man, child. I can let you have all the money you want."

"Oh, no!" she exclaimed, shrinking back. "I cannot take it from you! I have no security to offer you. I cannot do this."

He leaned quickly forward so as to seize her hand, then restrained himself. "The action that I am about to take is not for my own gain, as you will not be satisfied if it is."

"You would not accept it?"

"He murmured, looking at her keenly.

"No, no!" she said again. "And I can feel horror if from you I forget that I suggested getting any one to lend me money."

"Then," he said, "if you will not borrow it, you care it more than the guard at his side-eyed."

"I am sure that I will not like to do out of business hours," he explained. "Some important news will be coming."

As if he had been trying to

think of some one whom I could trust to do this for me. Will you come to my home and copy them in? I will put my library in the basement. I will pay you well—that is, just what the job is worth."

"Yes," she heard herself saying. "I will do that."

"Very well," he remarked, rising as if the matter were settled. "That is cold business. But you need money now. I will pay you in advance."

She gasped her astonishment. "Oh, yes," she began. "I might never earn as much as that. Please, Mr. Richbridge—"

Before she could reach his side he was gone, and she was gazing down at the roll of bills he had left on the table before her.

To Be Continued.

SIGNED a bachelor girl.



Aboard the good ship "Fancy" on the Sea of Love, the golden cupid is seen from behind, looking out over the water. The ship is small and detailed, with a single mast and a small cabin. A small figure is visible on the deck. The ship is moving towards the right.

By ANNE
What girl was
an easy title
to her? And yet
are just what
They accept the
have no right
no right to give
just and due per
social attention
men. Now, most
self-respecting
not accept gifts
or money from



But how many parents permit a boy who has earned money on his own to have received from girls and young women? It is good taste to accept presents from girls—such as jewelry, wearing apparel, and gifts—divided against the boy's own appreciation.



Land of Dreams

...is in my eyes, not the sun of any real man's

N Lisle
tries to confess that
the greater applier
far too many girls
at word implies,
things to which they
men people who have
been given gifts. As
the girls accept
and gifts from
girls know that a
young woman does
not wearing apparel
that men find

"I have come across many college
graduates who today are strugg-
ling hard to make their way as
conductors, or even office boys.
They are doing this because in their
school days they went out and en-
joyed themselves with girls who
never dreamed that the money being
spent on them was needed for a
man's progress."

My correspondent is right. Boys
have foolishly tried to impress
girls by their generosity; and girls
have a thoughtless way of accept-

girls realize that if they are not going to be able to give their girl ought not to be on it. I depend on my support to spend his money on her. I have had numerous letters from girls asking if I would like them to give or for the opposite. I have written back to the opposite sex. I have written to the girls. I always have a little kind of giving. I would like to show them that I am not a courtesy or a thing. I am not giving as their just due gifts to which they have not a moral right. A little thought on the subject will convince any one who has fine feelings. I have been told that I have any ought to be satisfied with simple attentions which he can give with his heart, his love and friendship, if he cannot afford to spend money for enjoyments and pleasures.

And this attitude on the part of the girls was due to thoughtfulness. The girls who were confronted with the real state of the world would have been

[illegible]

Our Wonderful World

thing is one of the regions. Many of them are in clusters, but rough the forests, one of the largest ones, and the hunter, the most ground, and the forest is a taller tree and bounding country, a soon death of the forest, the trees within eight, one and distance, the long, cute a narrow, one, which he care-

the messages were automatically printed in Moscow and sent by machine, which always worked slowly, and frequently failed to work at all, being powerless to respond to the more delicate vibrations. At the same time, however, the room is packed full of machinery and complicated instruments."

Russia is almost a roadless land. It is inconceivable that the foreign visitor who has ever left the beaten track of the railways in Russia has a great empire can have ascertained

Aboard the good ship "Fancy" on the Sea of Dreams

The following recipes have been tested and approved by Good House-keeping Institute, conducted by GOOD HOUSEKEEPING, and are repub-lished here by special arrangement with that publication, the Nation's 'Greatest Home Magazine.

All measurements are level, standard half-pint measuring cups, tablespoons, and teaspoons being used. Sixteen level teaspoonfuls equal a half-pint. Quantities are sufficient for six people unless otherwise stated. Flour is sifted once before measuring.

Raised Cornmeal Mullins
One-half cupful yellow Indian meal, 1 pint boiling water, $\frac{3}{4}$ table-
spoonfuls lard, $\frac{1}{2}$ cupful molasses,
1 teaspoonful salt, 1 compressed
yeast cake, about 6 cupfuls bread
flour.
Pour the boiling water over the
meal and add lard, molasses and salt,
mix thoroughly and let stand till
lukewarm. Add the yeast cake,
dissolved in 2 tablespoonfuls of
warm water, and beat in flour to
make a stiff batter, about 1 cup-
ful. Bake in a deep

muffin tin, let rise again, and bake about twenty minutes in a rather quick oven. This may be made also into small loaves. It started at night the muffins may be used for breakfast. This amount makes eighteen large muffins.

English Chutney Sauce

One-half pound rice, torpedoes, 1 pound tort. apples, 2 cups/grams granulated sugar, 1/2 cup/grams oil, 1/2 cup/grams small onions, 1/2 cup/grams chopped mint leaves, 1-2 cups/grams seeded raisins, 2 cups/grams vinegar, 2 teaspoons salt.

Chop tomatoes, add oil, vinegar. Chop together the apples, onions and raisins and mix the mint. Add sugar and mustard, mix all. Add the greens together, and allow them to marinate for 1 hour.

from more of the

CE FAIRFAX  Novel

convict. I still love him. What shall I do? Yours in despair,
Guy W. Hanson,
"Veronica road and Elm street,
Bronx."
"Here is a letter that ought to shame you out of your quizzical attitude," said I, handing it to J. B. — but that shameless one handed it back with a laugh.

"That's easy. Tell her to call a cop," said he.

She said I was a Fairfax lecture! And as Jimmy took it very amusingly, I related at the end and issued an invitation.

"I'm going to see her now. Do you want to come with me and see that she's not a Fairfax lecture?"

One of my correspondents says I'm a little harder on your sex than mine—as if somebody in authority had said so.

He could tell me where the Hanson lived. He would be the only local man to be able to tell me of the brutal, subtle-faced at his side. The most characteristic of the mindless I had spoken was that there was an appearance of modesty and indolence to the man, mingled with the stolid appearance of a man who keeps in good athletic trim.

The Hanson house was

**Adapted from the Great Film Play by
BEATRICE FAIRFAX**

"Oh, Miss Fairfax, what would you do if you found that the man you loved—the man you had married—was an escaped convict?"

(To Be Continued Tomorrow)

[illegible]

secret lies in the fact that for five or six months in the year Nature herself provides roads over the greater part of Russia—admirable, smooth, glassy roadways over hard-worn snow.

or removing the
ely points out the
the search of
by result, and it
annual for a clever
for a month's
ats.

of chaplain writes
a room is one of
secret places in
you come on board
when peace breaks
nce more have the
the what ordinary

over these roads by the substitution
of a sledge-runner for the wheel
and axle. This brings the cost of
land carriage as near the cheapness
of water-horse as can be possible,
and it is the principal reason why
Russia in the Twentieth Century is
still a roadless land.

**Hot Water for
Sick Heads**

SICK HEADACHES

Tells why everyone should drink hot water with phosphate in point before breakfast.

Headache of any kind is caused by auto-intoxication—which means self-poisoning. Liver and bowel poisons called toxins, sucked into the blood, through the lymph ducts,

NO RELIEF FROM INTENSE ITCHING

Tells of "Wonderful Cure" by Resinol
Boston, Mass., Aug. 26.—"I had
eczema in the worst way for six
months. A small poultice on my right
arm kept spreading until it was up
to my elbows. It came out in spots
and some places were like water
blisters. The itching was intense
and I had no relief whatever. My
fingers were all covered with cracks
and pained me very badly. My hands
and arms were all scales. The
burning was so bad it felt as if I
had been turned to a blister and the

All druggists sell Resinol Ointment and Resinol Soap. For free samples, write to Dept. 48, Resinol Ointment Co., Advertising.

[illegible]

Smith, Ark.

Had a Reason

"It says here: 'One of the stars most revered by the Koreans is the figure of a woman, a girl, raising her chin in her hand.'"

Chatterly, reading from the newspaper, looked at the picture.

"Which proves that the Koreans are about the wisest nation on earth," said Miss Fairfax.

"How's that, Miss Fairfax?"

"Well," said Dr. Chatterly, with a distinct sneer, "because when they make a deity of a woman who raises her chin enough to give her chin a rest."

"Of my work, rather than its success."

"Still, in spite of my unpopularity, I managed to give attention to the girl."

"The girl who was known whether a gentleman or a woman on the outside of her?"

"I noticed that the girl was a tragic case of real problems."

The Wife of a Convict

Presently I came to a book which deeply impressed me, read:

"Dear Miss Fairfax: I have just learned that my husband is

"Votes for women!" shouted Jimmy. "I'm with you—were off to the polls."

But we weren't, for just then I walked Howard Barnes, City Editor, with an assignment for Jimmy. Jimmy, who had been so interested in a certain editorial view on the Wall Street situation, however, lost me and more or less forgot to say "yes."

Where City and Country Meet

The subway and I took the company at One Hundred and Thirtieth seventh street, and then the eleventh street car, and then the car with actual misadventure, turned into the roadway of the Hanson cottage.

Jimmy, who had been so interested in a certain editorial view a few moments later, was who was charmingly perceptive and was puzzled by the doctor.

An Escaped Convict

Of course this was May 1901, and her relief and joy was so great that it was minutes were wasted in getting her to start the story.

"Those five minutes were

vated carried me on into the most distant regions of the Bronx. When I left the station which I had discovered, I found myself in a strange part of the world. A dusty road, of which I was the only traveler, led me on, wandered along ahead of me with an air of indifference as to whether or not I followed it.

Equally uninviting were the houses all about. Computers had been built in a hopefulness which showed in the stunted roofs and died out in the deserted gardens and unknown grass plots. Here, none of the

[illegible][illegible]

...the whole of your
...in a couple
...which alone
...be wine empty
...of

...DS FOR

Laxene

...and Catarrh Medi-
...and Old.

...any well stocked
...bottles and take
...or, better yet,
...the sugar syrup, made
...of, poured into

half-pint of boiling water to make a whole quart. It is a rough and ready remedy for all of mother's milk and her loved ones.

If this time-remedy is free from harmful injury a few doses are in order. In the worst case, so that a family throughout the year, coughs, colds, and asthma, with bad taste, sour breath or a cold, indicate a stomach ailment, constipation or sour, acid stomach, give the phosphated hot water cure to your system of toxins and poisons.

Results are quick, and it is claimed that it will continue to wash out the stomach, liver and bowels every morning never having any headach or other miserable moment.—Advertisement.

ASSAIL BRITAIN FOR BAN ON REAL NEWS

Since the British Government barred the Hearst International News Service from using English mails and cables, because the News Service would not allow the British censor to garble and distort the news for its clients, the Boston AMERICAN and the other Hearst papers have been flooded with letters praising the independence of the Hearst papers and the Hearst Service.

An interesting letter from Francis C. Croninfield was printed in full in the Sunday AMERICAN. Here are some others:

Editor Boston AMERICAN:
It gives me great pleasure to read your Saturday editorial. Your news service is always in the lead, and the other newspapers try to catch up, but they fall by the wayside. There is one thing about your paper: It has what I call the "spirit of '76" while the others are not.

Sincerely,
ALEX. J. WYER,
Mt. Vernon street, Charlestown.

WANTS REAL NEWS.
Editor Boston AMERICAN:
I have just read your able editorial in this evening's paper, and as a reader of the AMERICAN since it started in Boston I wish to congratulate you on the able and truthful way you handle England. It is too bad we have not more papers like the Hearst papers. It is time we had the real news. Your editorial tonight shows up England as she is, a bluff and a coward. More power to you.

Editor Boston AMERICAN, "The Paper That Cannot Be Bought."
Allow me to congratulate you on your editorial in Friday's AMERICAN, October 13. It certainly was to the point. The only war news I read is practically the "War Summary" which appears on Page 2 of the AMERICAN. If I do not get my information there I get it from the columns of the AMERICAN.

The reason I read the war news of the AMERICAN is only in an account of the facts which you have made public before the other papers get hold of them, such as the Lusitania, etc.

Also I never read the ridiculous statements which other papers print, such as one man capturing a train single handed. AMERICAN first, not England.

Yours truly,
E. SMITH,
Boston.

"NOTHING BUT THE TRUTH"
Editor Boston AMERICAN:
Your editorial in the Boston AMERICAN on October 13 makes me feel that you are writing the truth and nothing but the truth from the bottom of your heart, and as you write you are showing no partiality to either of the nations which are at war. The editorial on that date is a protest which is a credit to the people of this nation.

STUDEN BURNHAM,
Amesbury, Mass.

Editor Boston AMERICAN:
Please accept my thanks for your editorial today.

I think you have fired the first gun to destroy the British liar ANDREW HOLLAND. No. 557 Union street, Manchester, N. H.

Editor Boston AMERICAN:
I have just finished reading your editorial in today's (Friday) paper, and I say, "GOOD!" It is a great editorial and worthy of preservation. It is true in every line.

Long live the Boston AMERICAN!
D. S. COLLIER, M. D.,
Wakefield, Mass.

HARVARD TROOPS
TO BEGIN DRILLING

A pocket edition of the Harvard Regiment of last Fall is to be started tomorrow when the 256 members of the new course in military science and tactics assemble for its first drill on the banks of the Charles river. The organization will be known as the Harvard Battalion (provisional), and will consist of Companies A, B, C and D. The following temporary appointments of cadet officers and non-commissioned officers are announced: Captain, M. H. Davis, D. C. Williams; Lieutenant, C. A. Colledge, Jr., B. K. Pennington, J. D. Williams, C. H. Fraser; First Sergeant, W. A. Walker, A. M. Loveman, J. K. Clippard, F. A. Leland, Jr.

MUST CALL BEACH
AFTER MIDNIGHT

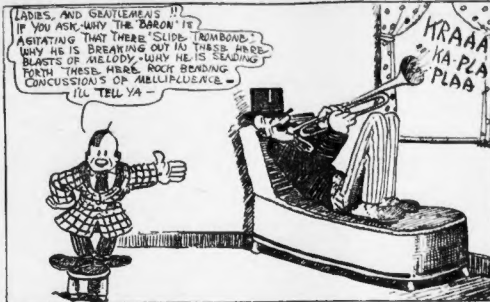
The new telephone exchange "Beach" will go into effect automatically at midnight tonight. However, if you call "Beach" today you will be able to, as the operator will give you the corresponding number on the Oxford exchange. After tomorrow if you call Oxford, you will be connected, and informed that Beach is the proper exchange. This change, the telephone officials believe, will eliminate much confusion between the calling of Roxbury for Oxford.

LIEUTENANT STOPS
HEADQUARTERS FIRE

Quick work on the part of Lieutenant Frye, clerk to Superintendent Crowley, prevented a serious fire at Police Headquarters shortly before 1 o'clock today. He went down to the basement at that time and found a gasoline pump. He turned the pump, and at the same time pulled in an alarm. When the firemen arrived they found the blaze had been extinguished. The police are unable to explain how the fire occurred.

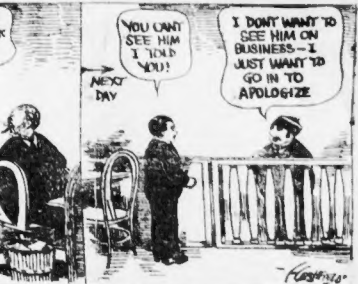
BARON BEAN

Copyright, 1916, International News Service.



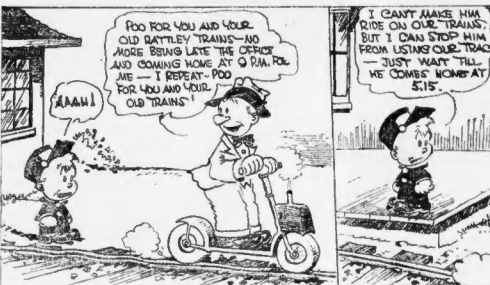
ABIE THE AGENT

Copyright, 1916, International News Service—Registered United States Patent Office.



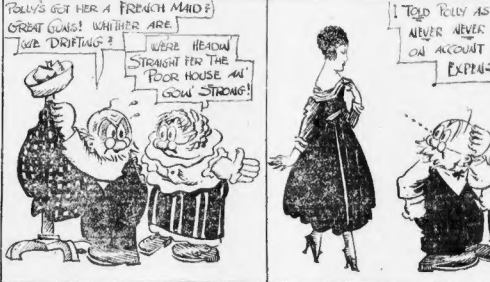
JERRY ON THE JOB

Copyright, 1916, International News Service—Registered United States Patent Office.



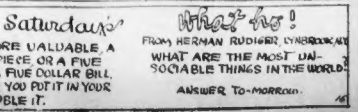
POLLY AND HER PAL

Copyright, 1916, Newspaper Feature Service, Inc.—Registered U. S. Patent Office. Great Britain Rights Reserved.



US BOYS

Registered U. S. Patent Office.



Music Has Its Charms, but Not for This Tough Egg

All's Fair in Business

The Man Feels Much Better Off

WALDRON 3 Phone Haymarket 1
MAIDS OF AMERICA BURLESQUE

PARK THEATRE
ALICE BRADY in the "GILDED CAGE"
"a 3 gripping act. Eleanor Woodruff as
C. Aubrey Smith in "Jaffery." in 6 act
Mr. and Mrs. Sydney Dow.

HOWARD TEMPTERS BURLESQUE
—Pretty Girls and Vaudeville. Always something doing. 5 till 11.

FRANKLIN PARK THEATRE
Lionel Barrymore in
"THE CATHALAN"

OLYMPIA
WASH. 2.

and 5 Vaudeville Acts
THEA HARA,
Pauline Frederick, Etc.

LOEW'S
ST. JAMES

CLARA KIRKALL
"The Common Law," Vaudeville Feature. Act. Marion Comed. Faith News.

American Zinc, Lead and Smelting Co.
The Directors of the American Zinc, Lead and Smelting Company have declared a regular quarterly dividend of one dollar and cents (\$1.00) per share on the paid-up capital stock, payable November 1, 1913, to stockholders of record October 31, 1913.
R. M. FARWELL, Treasurer,

ONLY:	
year	\$3.50
months	1.75
months	.80
month	.30
year	\$7.00
months	3.50
months	1.80
month	.60
SIGN: Add postage at rate of 1c per	
copy and 1c per copy number.	

Real Estate—Winthrop.
In modern 2-room house, near ct.
garage, 4,500 ft. of land, \$2,500;
will make this into a 2-family
at barbasco, come quick, owner go-
GUSICK, 9 Somerset av., 1819-M.
house, all imp., h. w. h., 3500
as. MAR. R. GRINER, 264 West. av.

COR.—Fur. 2, 3 and 4 rooms, \$15
rooms, \$20, \$25. E. A.
Swavett av.; tel. Dor. 1092.
2B—Middle suites, 6 rooms mod-
ern Norwell st., next Harvard
HUNTER suites, \$10-350. Call
LTC CO., 455 Geneva st.
Hot. best suites, 2 and 3-family
\$50. A. E. HALL, 876 Wash. st.

STORAGE
 phone for our free storage con-
MURKIN STORAGE WARE
 200 Washington st., Boston,
 ary 31.

ORAGE WAREHOUSE,
 ., tel. OX. 5; rms. 21 mo. up
ED AND BONDED.

ad-on Next Page.

Monday, October 16, 1916

The British Government Used Exactly the Same Tactics in Jefferson's Day That It Is Using Against the Hearst Newspapers Today

THE vicious assault made upon the International News Service and the Hearst newspapers by the British government is simply another of hundreds of attempts to throttle the American press, when they could not bribe or buy that press.

The British government tried that kind of thing in 1776—and tried unsuccessfully.

They are trying it again in 1916—and again they will try it unsuccessfully.

The tactics of the British government in America are today precisely what they were a hundred years ago.

Listen to this extract from a letter written a hundred years ago and more to Count Van Hogendorp by Thomas Jefferson:

"You know well that that government (the British) has always kept a kind of standing army of news-writers, who, WITHOUT ANY REGARD TO TRUTH OR TO WHAT SHOULD BE LIKE TRUTH, invented and put into the papers whatever might serve the ministers. This suffices with the mass of the people, who have no means of distinguishing the false from the true paragraphs of a newspaper."

Is not that an absolutely photographic reproduction of British press-bureau methods, under the direction of the British government, at this very moment?

And do listen to this extract from a letter written by Jefferson to Elbridge Gerry in 1797, setting forth the insidious control of our domestic affairs which England was even then striving to obtain:

"When we take notice that these foreign and false citizens * * * are advancing rapidly to a monopoly of our banks and public funds; that they have in their alliance the most influential characters in and out of office; that they have shown they can force the government to proceed in whatever direction they dictate, and bend the interests of this country entirely to the will of another, it is impossible for a free mind not to see and to groan under the bondage in which it is bound. If anything after this could excite surprise it would be that they have been able so far to throw dust in the eyes of our own citizens as to fix on those who merely wish to recover self-government THE CHARGE OF SUBSERVING ONE FOREIGN INFLUENCE BECAUSE THEY RESIST SUBMISSION TO ANOTHER. But they POSSESS OUR PRINTING PRESSES, a powerful engine in their government of us."

By "these foreign and false citizens" Jefferson meant those Americans who were more British than American in their sympathies and conduct, and whom he thus specifically describes in a letter to James Madison, as follows:

"The line is now drawn so clearly as to throw on one side:
"1. THE FASHIONABLE CIRCLES OF PHILADELPHIA, NEW YORK AND BOSTON (natural aristocrats);
"2. Merchants trading on British capital;
"3. Paper men (all the old Tories are found in some one of the three descriptions).
"On the other side are merchants trading on their own capital; Irish merchants, tradesmen, mechanics, farmers and every other possible description of our citizens."
Which, you will observe, is a pretty exact description of the lines and divisions of today.
You will also observe that those "false and foreign" Americans, for whom Mr. Jefferson coined the term Anglomen, resorted to the precise tactics of the pro-British hybrids today, who "throw dust in the eyes

of our own citizens" by loudly proclaiming that Americans who resent British aggressions and injuries are, therefore, subservient to Germany.

It is the same identical trick, word for word, letter for letter, and it is worked by the same identical means, for

"THESE FALSE AND FOREIGN CITIZENS POSSESS OUR PRINTING PRESSES, A POWERFUL ENGINE IN THEIR GOVERNMENT OF US."

Why, if Thomas Jefferson could rise from his honored tomb this day he would see THE EXACT CONDITIONS which he deplored and resented one hundred and nineteen years ago—the same identical, shameful, humiliating control of our banks, our public funds AND OUR PRINTING PRESSES.

And now listen to Jefferson's statement of what these "false and foreign" Americans were trying to do with the newspapers they owned or controlled. He says:

"AT THIS VERY MOMENT THEY WOULD DRAW US INTO THE WAR ON THE SIDE OF ENGLAND."

And then Mr. Jefferson very accurately describes the news provided by the English "standing army of news-writers" in this year 1916, though he was then describing the news in the "false and foreign"-owned papers of 1807:

"General facts may indeed be collected from the newspapers, such as that Europe is at war * * * BUT NO DETAILS CAN EVER BE RELIED ON."

As it is today, so it was a hundred years ago—false news, garbled news, lying news was the output of the British government's "STANDING ARMY OF NEWS-WRITERS, WHO, WITHOUT ANY REGARD TO TRUTH, INVENT AND PUT INTO THE PAPERS WHATEVER WILL SERVE" the British government's purposes.

The British government may make its mind perfectly clear upon one point.

There is not money enough in the British treasury to bribe the International News Service or the Hearst newspapers to do the contemptible work of betraying their country and their people by suppressing the truth and publishing the things which are not true in order to serve the interests of England.

Neither is there any weapon of public or of secret coercion with which the British government or the British government's agents in America can frighten the International News Service or the Hearst newspapers from doing their duty as honest papers, as AMERICAN papers.

We have been notified that submission and apology would bring us into the favor of the British government.

The answer to that impudent proposal was printed Friday in this newspaper over the signature of William Randolph Hearst.

There is nothing to add to that reply.

It is the AMERICAN answer of the AMERICAN owner of this AMERICAN newspaper, and upon its platform of American independence we stand firmly, facing the arrogance of the British Ministry and confidently relying upon the approval of our countrymen.

When this newspaper ceases to be an American newspaper and becomes the subservient tool of a foreign ministry, or the cringing and frightened slave of a foreign government, then, citizens and friends, the brain that directs it and the brains that make it will be other brains than the loyal and true American brains that now put this newspaper daily into your homes.

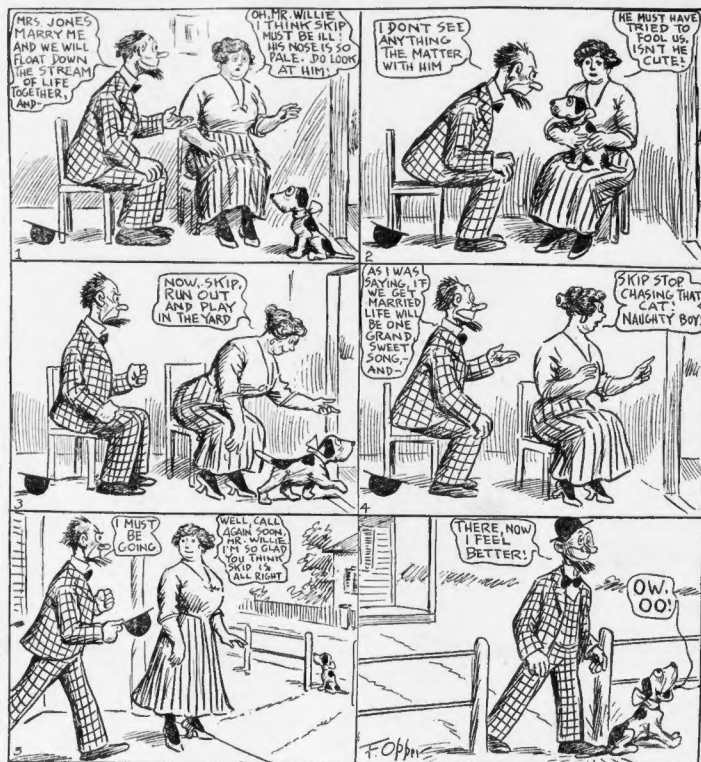
Upon that proposition you can stake your last American dollar or even your good American life in absolute safety.

COUSIN WILLIE

He Has No Use for Skip

Copyright, 1916, International News Service

Mr. Oppen's work appears regularly in animated cartoons in the International Film Service.



Mother Earth's Father and Mother

Many Interesting and Very Curious Thoughts About the Origin of the Earth on Which We Live

By Garrett Serviss

MOTHER animals don't care how things began; they are solely interested in things as they are. But men, being, by virtue of their superior brains, more than mere animals, want to know all they can about the origin and nature of everything about them. They have their minds to feed as well as their bodies.

This mental food is not always solid knowledge; often it is largely speculative, or theory, which is knowledge in a fermentative stage out of which, eventually, good bread will come, if the materials and processes are all right.

There is now in the baking a new batch of the bread of knowledge intrusted to the astronomical oven, but in the preparation of which geological, physical, chemical and mathematical hands have had a share, and there is great interest in the question of the quality of the loaf to be finally turned out.

In its present state it is called "the planetesimal hypothesis," and it relates to the old problem of the origin of the universe.

There has been much talk about it in the past ten years or so, and while some have enthusiastically accepted it at the first taste, before even the makers were ready to declare it done, others have smacked their lips in a disinterested way, and doubtfully shaken their heads; the loaf has been drawn out of the oven once more for a test, and presented to the world under the form of a book called "The Origin of the Earth," by Thomas C. Chamberlin, the head of the department of geology in the Chicago University, and the author of the planetesimal hypothesis.

Certainly it would be difficult to find a more absorbingly interesting theory than that which is concerned with the beginning and the evolution of the globe to whose existence we owe our own existence.

There have been various hypotheses about this in the past, and one of them, "the nebular hypothesis" of Laplace, has for three-quarters of a century been universally known, and almost universally accepted as probably correct, at least in its main outlines.

However, there are some particulars in which Laplace's hypothesis fails to meet the requirements, although it would be impossible in the space at my command to point them out with sufficient detail to make the discussion intelligible. Mr. Chamberlin shows what they are in his book. He thinks the Laplace loaf is not viable, and therefore, he has concocted his own. He admits that his theory is not yet perfect, that it is subject to alterations and corrections, although he believes that it is concerned on the right lines.

I wish it were possible for Laplace to reappear with his immense genius instructed by the knowledge that has been acquired since his day, and pass upon this substitute for his celebrated hypothesis, just as I should like to see Napoleon ride out upon his white horse on the battle line in Europe and try his hand in twentieth century war.

Laplace's idea was that the substance out of which the sun, earth and other planets were formed once existed in the shape of a huge rotating nebula which gradually contracted and condensed, leaving off rings, one after another, at its circumference, until the principal mass at the center became too dense for such separation to continue. This central mass then became the sun, while the rings broke up and took the shape of balls, or planets, circling around the sun, which vastly outweighed them all.

The system of rings surrounding the planet Saturn has always been regarded as an object lesson favoring Laplace's hypothesis, "little a laboratory experience, the 'Plateau Experiment,' has been employed to prove the possibility of a rotating mass being transformed in the way described, some of the nebulae seen with telescopes also show rings recalling the Laplacean theory.

The planetesimal hypothesis is much less simple in form. It is based on a calculation of what could happen if two stars, coming through space, should make a close approach to one another. Their gravitational attraction upon one another would upset their internal equilibrium and produce explosions or outshootings of gaseous matter, which would condense into the "planetesimals" that give name to the hypothesis.

These would gyrate around the body from which they originated in elliptical orbits, with crossing points, where knots would be formed. These knots, or planetesimals, fell together until they became planets. Their orbits, although highly elliptical at first, would rapidly be "wound up" until they assumed the slightly elliptical form of the actual planetary orbits. The great number of spiral nebulae which the heavens contain is looked upon as a corroboration of this hypothesis, although they, as far as we know, are on a vastly grander scale than that of the one supposed to have given birth to our sun and its system of planets.

The odd thing about this hypothesis is that it presupposes the accidental meeting of two stars in order that one of them (or perhaps both) may beget planets. If we call the sun the mother star of our solar system, what has become of its father star? One would like to recognize him among the stellar host, if he be yet visible, and pay him the filial respect due to paternity, however remote.

A Queen for Godmother; a Princely Husband

These and many other wonderful and delightful things have been the lot of Margaret Preston Draper, New England's richest heiress. The story of her interesting romance appears in next

SUNDAY'S BOSTON AMERICAN